

In the claims:

Claims 1-10 (canceled)

11. (currently amended) A vaccine composition for ~~protecting a subject at risk for type I diabetes~~ restoring tolerance to islet beta cells in a subject or reducing an immune response against islet beta cells in a subject comprising an IGF-2 peptide and a pharmaceutically acceptable carrier ~~therefor, wherein said IGF-2 peptide is in an amount effective to prevent said type I diabetes in said subject.~~
12. (canceled)
13. (currently amended) The composition ~~as in one of claims 11-12~~ of claim 11, wherein said IGF-2 peptide comprises the amino sequence GELVDTLQFVCGDRG (SEQ ID NO:2; B11-25) and is at least 15 amino acids in length.

Claims 14-15 (canceled)

16. (currently amended) The composition of ~~one of claims 11-13~~ claim 11, wherein said IGF-2 peptide comprises at least 50 amino acids.
17. (currently amended) The composition of ~~one of claims 11-13~~ claim 11, wherein said IGF-2 peptide comprises at least 75 amino acids.
18. (currently amended) The composition of ~~one of claims 11-13~~ claim 11, wherein said IGF-2 peptide comprises at least 100 amino acids.
19. (currently amended) The composition of ~~one of claims 11-13~~ claim 11, wherein said IGF-2 peptide is PEGylated.
20. (new) The composition of claim 11, wherein said IGF-2 peptide is in a unit dose of about 0.07 micrograms to about 2800 micrograms.
21. (new) The composition of claim 11, wherein said IGF-2 peptide is in a unit dose of about 0.7 micrograms to about 2100 micrograms.
22. (new) The composition of claim 11, wherein said pharmaceutically-acceptable carrier is selected from the group consisting of sodium citrate, dicalcium phosphate, lactose, glucose, sucrose, corn starch, potato starch, tapioca starch, cellulose, sodium carboxymethyl cellulose, ethyl cellulose, cellulose acetate, powdered tragacanth, malt,

gelatin, acacia, polyvinyl pyrrolidone, talc, cocoa butter, peanut oil, cottonseed oil, safflower oil, sesame oil, olive oil, corn oil, soybean oil, groundnut oil, castor oil, germ oil, glycerin, sorbitol, mannitol, silicic acid, polyethylene glycol, propylene glycol, 1,3-butylene glycol, serum albumin, lecithin, glycine, ethyl oleate, ethyl laurate, ethyl carbonate, ethyl acetate, agar, magnesium hydroxide, aluminum hydroxide, calcium carbonate, sodium carbonate, calcium stearate, magnesium stearate, paraffin, kaolin clay, bentonite clay, zinc oxide, alginic acid, oleic acid, water, pyrogen-free water, isotonic saline, Ringer's solution, ethyl alcohol, isopropyl alcohol, acetyl alcohol, tetrahydrofuryl alcohol, benzyl alcohol, benzyl benzoate, butane, propane, phosphate buffer solution, glycerol, glycerol monostearate, and sodium lauryl sulfate.

23. **(new)** The composition of claim 11, further comprising an antioxidant.
24. **(new)** The composition of claim 11, further comprising an antioxidant; wherein the antioxidant is selected from the group consisting of ascorbic acid, cysteine hydrochloride, sodium bisulfate, sodium metabisulfite, sodium sulfite, ascorbyl palmitate, butylated hydroxyanisole (BHA), butylated hydroxytoluene (BHT), lecithin, propyl gallate, alpha-tocopherol, citric acid, ethylenediamine tetraacetic acid (EDTA), sorbitol, tartaric acid, and phosphoric acid.
25. **(new)** The composition of claim 11, further comprising an additional pharmaceutically active compound.
26. **(new)** The composition of claim 11, further comprising an additional pharmaceutically active compound; wherein the additional pharmaceutically active compound is selected from the group consisting of IL-10, TGF- β , or derivatives thereof.